

MATERIAL DATA SHEET

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

CODE: TX1B1N4065. Nylon fabric 210 coated NBR black. Thickness 0.65mm			
ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD	
Elastomer	NBR Nitrile Rubber		
Specific Gravity	1.30 g/cm ³		
Hardness	70° Shore A (+/- 5)		
Colour	Black		
FABRIC CHARACTERISTICS			
Fabric	PA 210 (235dTEX)		
Weight	110 g/m ² (+/-5)		
Thickness	0.20 mm (+/- 0.01)		
No. of Threads	19 x 19 / cm		
COATED FABRIC CHARACTERISTICS			
Thickness	0.65mm (+/-0.07)	UNI EN ISO 2286-3	
Weight	700 g/m ² (+/- 10%)	UNI EN ISO 2286-2	
Tensile Strength	Warp: Weft:	≥ 1000 N/5cm ≥ 1000 N/5cm	UNI EN ISO 1421
Elongation at Break	Warp: Weft:	≥ 20% ≥ 20%	UNI EN ISO 1421
Adhesion		≥ 20 N/cm	
Temperature Range		-20°C to +100°C	

Suitable for LPG & CNG, mineral oils, water & compressed air.

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The above values are typical properties and are provided for information only. They should not be used to set specification Requirements. It is up to the end user to determine whether the material is suitable for the intended application.



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